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**MATERIAL SAFETY DATA SHEET:MEGA STICK**

DATE OF ISSUE: 07/03/2003

SUPERCEDES: 01/11/2000

**SECTION I - GENERAL INFORMATION**

Chemical Name &amp; Synonyms:

N/A

Trade Name &amp; Synonyms:

MEGA STICK

Chemical Family:

EPOXY STICK

Formula Mixture: X

Manufacturer's Name:

Mega Metals, Partsmaster, Div of NCH Corp.

Address:

P.O. Box 655326

Dallas, TX 75265-5326

Prepared By:

L Boynton/Chemist

Product Code Number

5974

Emergency Phone Number

800-535-5035

**SECTION II - HAZARDOUS INGREDIENTS**

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

**Chemical Name (Ingredients)****Hazard****TLV****PEL****STEL****CAS#**

GLYCIDYL ETHER OF BISPHENOL A RESIN

IRRITANT

N/E 1

N/E 2

N/E

25068-38-6

TRIS(DIMETHYLAMINOMETHYL)PHENOL

IRRITANT

5 PPM 1

N/E 2

N/E

90-72-2

**SECTION III - PHYSICAL DATA**

Boiling Point (f):

N/E

Specific Gravity (H2O=1):

2.18

Vapor Pressure (MM HG):

N/A

Color:

METALLIC/BLACK

Vapor Density (Air=1):

N/A

Odor:

SULFUR-LIKE

PH @ 100% :

N/A

Clarity

OPAQUE

% Volatile by Volume:

&lt;1

Evaporation Rate (BU A/C=1):

N/A

H2O Solubility:

NEGLECTIBLE

Viscosity:

PUTTY

**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash Point:

NON-FLAM / CLOSED CUP

Flammable Limits:

N/E

LEL:

N/E

UEL:

N/E

Extinguishing Media:

Foam:X

Alcohol Foam:

CO2:X

Dry Chemical:X

Water Spray:X

Other:

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.  
EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.

Unusual Fire and Explosion Hazards:

NONE KNOWN.

NFPA Hazard Rating:

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Health:1

Flammability:1

Instability:0

Special:

**SECTION V - HEALTH HAZARD DATA**

Threshold Limit Value:

5 PPM AS TRIS(DIMETHYLAMINOMETHYL)PHENOL 1.

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**Effects of Overexposure:****-Acute(Short Term Exposure)**

EYE CONTACT: CAUSES IRRITATION SEEN AS TEARING AND REDNESS; MAY CAUSE AN ALLERGIC RESPONSE.  
SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS; MAY CAUSE ALLERGIC SKIN REACTION SEEN AS DELAYED SKIN RASH WHICH MAY BE FOLLOWED BY BLISTERING, SCALING, AND OTHER SKIN EFFECTS. INHALATION: NOT A NORMAL HAZARD, BUT IF HEATED OR WELDED, IT CAN YIELD TOXIC FUMES.  
INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING, AND DIARRHEA.

**-Chronic (Long Term Exposure)**

MAY CAUSE SKIN OR EYE SENSITIZATION IN SOME INDIVIDUALS. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING SKIN CONDITIONS SUCH AS DERMATITIS. TARGET ORGANS: BLOOD-FORMING ORGANS.

**Primary Routes of Entry:** Inhalation: Ingestion: Absorption:X

**Emergency and First Aid Procedures:****-Inhalation:**

GENERALLY NOT A HAZARD. REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

**-Eye Contact:**

RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**-Skin Contact:**

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

**-Ingestion:**

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

**-Notes to Physician:**

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

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**SECTION VI - TOXICITY INFORMATION**

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC: No NTP: No OSHA: No ACGH: No OTHER: No

VOC CONTENT: <1.0% BY WEIGHT, <1.0% BY VOLUME, 0 G/L

**GLYCIDYL ETHER OF BISPHENOL A RESIN**

SKN-RBT SDT: 2 MG/24H SEVERE	4.
EYE-RBT SDT: 5 MG/24 H SEVERE	4.
ORL-RAT LD50: 5,000 MG/KG	3.
SKN-RBT LD50: 20,000 MG/KG	3.

**TRIS (DIMETHYLAMINOMETHYL) PHENOL**

SKN-RBT SDT: 500 UL/24H SEVERE	4.
EYE-RBT SDT: 50 UG/24H SEVERE	4.
ORL-RAT LD50: 1200 MG/KG	4.
SKN-RAT LD50: 1280 MG/KG	4.

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**SECTION VII - REACTIVITY DATA**

**Stability:**

Stable:X

Unstable:

Conditions to Avoid: NONE KNOWN.

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**Incompatibility (Materials to Avoid):**

NONE KNOWN.

**Hazardous Decomposition Products:**

OXIDES OF CARBON, NITROGEN, AND SULFUR; ALDEHYDES AND ACIDS.

**Hazardous Polymerization:**

May Occur:

Will Not Occur:X

Conditions to Avoid: N/A

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**SECTION VIII - SPILL OR LEAK PROCEDURES****Steps to be Taken if Material is Released or Spilled:**

DUE TO THE NATURE OF THE PACKAGING OF THIS PRODUCT A SPILL IS UNLIKELY.

**Waste Disposal Method(s):**

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

**Neutralizing Agent:**

N/A

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**SECTION IX - SPECIAL PROTECTION INFORMATION****Required Ventilation:**

GENERAL VENTILATION IS NORMALLY ADEQUATE.

**Respiratory Protection:**

NONE REQUIRED UNLESS SANDING OR ABRADING.

**Glove Protection:**

NEOPRENE OR NITRILE RUBBER GLOVES SHOULD BE WORN. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR HAND PROTECTION, 29 CFR 1910.138.

**Eye Protection:**

SAFETY GLASSES WITH SIDE SHIELDS SHOULD BE WORN WHEN HANDLING. ENSURE COMPLIANCE WITH OSHA'S PERSONAL PROTECTIVE EQUIPMENT (PPE) STANDARD FOR EYE AND FACE PROTECTION, 29 CFR 1910.133.

**Other Protection:**

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES.

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**SECTION X - STORAGE AND HANDLING INFORMATION****Storage Temperature:**

Indoors:X

Outdoors:

Heated:

Refrigerated:

Minimum Temperature:38°F

Maximum Temperature:90°F

**Precautions to be taken in Handling and Storing:**

ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**Other Precautions:**

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

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**SECTION XI - REGULATORY INFORMATION****Chemical Name****CAS Number****Upper % Limit**

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III&amp; of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

**CALIFORNIA PROPOSITION 65**

WARNING: This product contains the following chemical(s) know to the State of California to cause (1)Cancer or (2) Birth Defects or other reproductive harm. THIS PRODUCT CONTAINS NONE.

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**SECTION XII-REFERENCES**

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE I
2. OSHA PEL.
3. VENDOR'S MSDS.
4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFOWeb, 2003.

ALL THE COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT (TSC

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IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE CARC:CARCINOGENIC, TOX:TO  
LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORM  
Mega Metals,Partsmaster,Div of NCH Corp.assumes no responsibility for personal injury or property damage caused by